

1280B Excavator

Operators Manual

9-9890



Reprinted






THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

TABLE OF CONTENTS

Introduction	2	Engine Lubrication System	69
To the Owner	2	Case Engine	69
After Delivery Check	3	Oil Level	69
Right, Left, Front, and Rear	3	Oil Change and Filter Replacement ..	69
Identification of Machine		Detroit Diesel Engine	71
Components	4	Engine Fuel System	73
Safety	5	Case Engine	73
Cab Controls and Instruments	18	Fuel Sediment Bowl	73
Left Control Panel	18	Fuel Tank	73
Floor Controls	19	Fuel Filters	74
Right Instrument Panel	20	Removing Air From the Fuel	
Right Control Panel	23	System	74
Cab Environment Controls	25	Detroit Diesel Engine	75
Operators Seat	26	Fuel Tank and Fuel Filters	75
Hourmeter	26	Oil Level	76
Cab Door	27	Breather	76
Master Disconnect Switch	27	Hydraulic Filters	77
Control for Automatic Lubrication System		140 Wire Mesh Screens	77
of the Turntable Ring Gear	27	Inline Filter	78
Air Cleaner Restriction Indicator	28	Oil Change and Screens	79
Windshield	29	Final Drive Transmission	81
Installing Optional Windshield		Drive Brakes	82
Guards	30	Swing Brakes	82
Hand and Foot Controls	31	Swing Gearbox	83
Control Pattern A	32	Oil Level	83
Control Pattern B	34	Oil Change	83
Control Pattern C	36	Drive Belts	84
Control Pattern D	38	Case Engine	84
Operating Instructions	40	Checking Tension	84
Walk Around Inspection	40	Adjusting Tension	84
Starting the Engine	41	Detroit Diesel Engine	84
Engine Starting Aids	44	Checking Tension	84
Important Rules When Using		Adjusting Tension	85
Ether	44	Starting Fluid Can	86
Cold Start System	44	Electrical System	87
Starting Fluid (Aerosol Can)	45	Battery Fluid Level	87
Booster Batteries	45	Left Control Panel	88
Machine Operation	47	Instrument Panel	89
Operating Tips	48	Bulb Replacement	89
Basic Digging Procedure	48	Right Control Panel	90
Filling the Bucket	49	Flood and Work Lamps	90
Turntable Leveler	50	Tracks	91
Preparing Machine for Transport	51	Cleaning	91
Maintenance and Lubrication	52	Checking Tension	91
Systemgard™ Lubricant Analysis		Bolts for turntable Bearing	93
Service	53	Safety Decals	98
Fluid and Lubricants Chart	54	Machine Storage	100
Run-In Period	55	Specifications	102
Run-In Maintenance Schedule	55	Engine	102
Maintenance Schedule	56	General Dimensions	104
Lubrication	59	Operating Data With E Boom	105
Air Cleaner	65	Diesel Fuel	106
Restriction Indicator	65	Product Identification and	
Replacing Elements	65	Serial Numbers	107
Engine Cooling system	67	Index	109
Coolant Level	67	After Delivery Check	111
Cleaning the Cooling System	67		

INTRODUCTION TO THE OWNER

Your Case dealer has given you your copy of the Owners Warranty Registration, instructions on machine operation, maintenance, and safety. If you do not understand machine operation, maintenance, or safety, see your Case dealer. Read this manual before you start the engine or operate the machine.



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If you need more information, call us.

The CASE CORPORATION can make changes in design or specifications of the machine at any time with no obligation for these changes.

AFTER DELIVERY CHECK

Two copies of the After Delivery Check are in the back of this manual. One copy is for you and one copy is for the dealer. Make sure that your Case dealer does the After Delivery Check after the first 20 hours of machine operation.

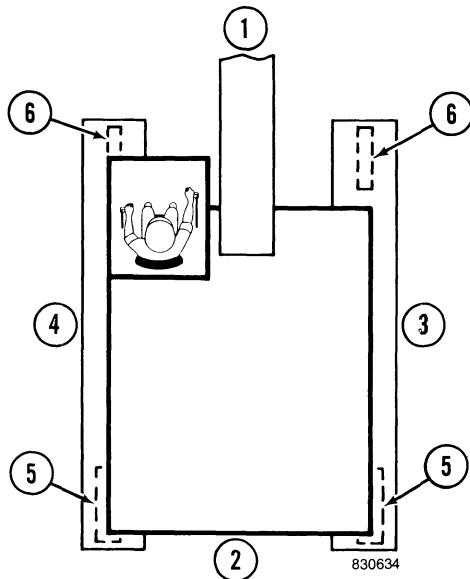
NOTE: *Your cost for this inspection will be for filters, oil or other accessories. If the dealer travels to your machine, there can also be a cost for the time and distance.*

RIGHT, LEFT, FRONT, AND REAR SIDES OF THE MACHINE

Right and left hand, when used in this manual, indicate the right and left sides of the machine as seen from the operators seat.

The following illustration shows the machine in the normal TRAVEL and WORKING position.

The normal TRAVEL and WORKING position is with the cab over the idler wheels. The drive sprockets are at the rear of the turntable.

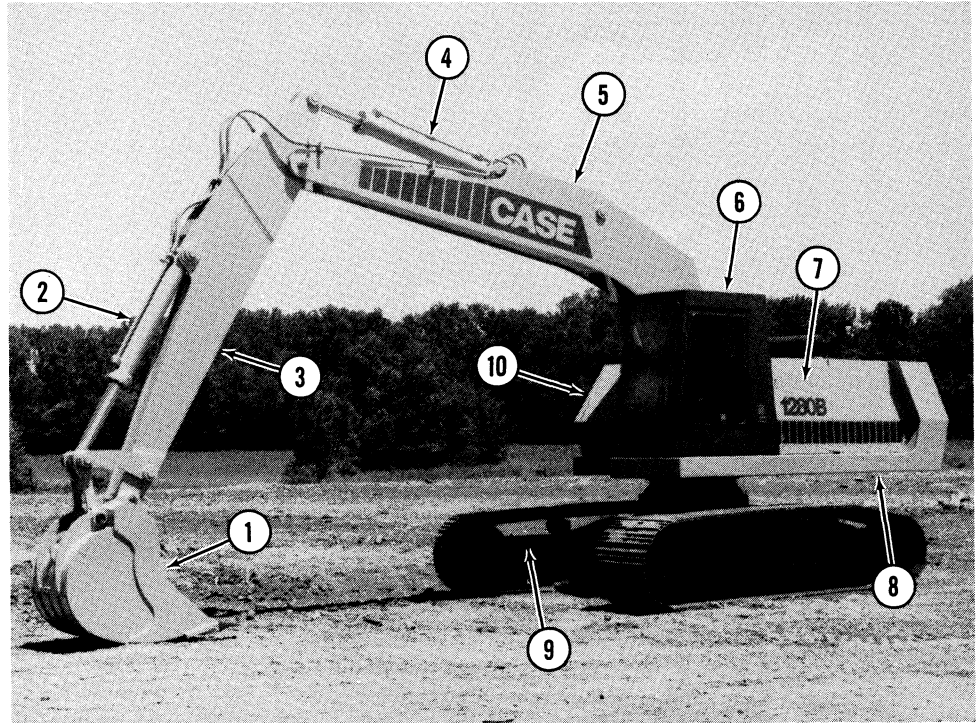


Normal Working and Travel Position

- | | |
|--------------------|-------------------|
| 1. Front | 4. Left Hand Side |
| 2. Rear | 5. Drive Sprocket |
| 3. Right Hand Side | 6. Idler Wheel |

INTRODUCTION

IDENTIFICATION OF MACHINE COMPONENTS

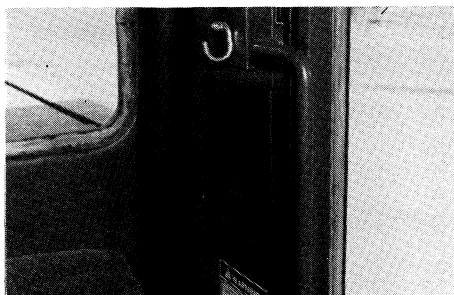


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- | | |
|----------------------------------|---|
| 1. <i>Bucket or Tool</i> | 7. <i>Batteries and Hydraulic Reservoir</i> |
| 2. <i>Bucket (Tool) Cylinder</i> | 8. <i>Engine</i> |
| 3. <i>Arm</i> | 9. <i>Track Adjuster</i> |
| 4. <i>Arm Cylinder</i> | 10. <i>Fuel Tank and Swing Gear Reservoir</i> |
| 5. <i>Boom</i> | |
| 6. <i>Cab</i> | |

SAFETY

Your safety and the safety of other persons in the work area are the result of your correct operation of this machine. Know the location, positions and functions of all the controls. **MAKE SURE YOU CHECK ALL CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THE MACHINE.**



Manual Storage Box

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READ THIS MANUAL COMPLETELY and make sure you understand the contents. Make sure you understand, for example, the characteristics of speed, stability, brakes, and steering of this machine. If you have any questions, see your Case dealer.

The safety information in this manual does not replace any other rules or laws for safety that are used in your area. Learn the rules or laws for safety that are used in your area. Make sure that your machine has the correct equipment according to these rules or laws.

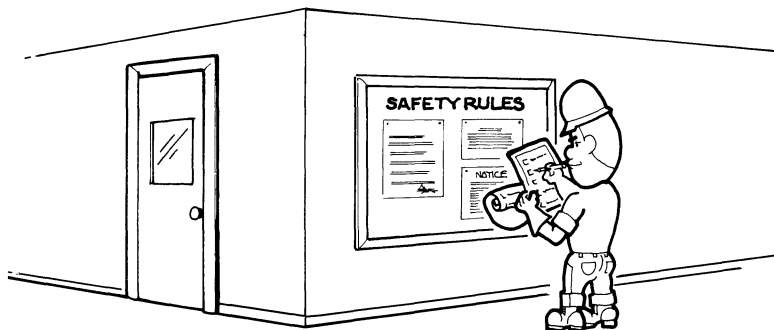
It is recommended that you make copies of the safety rules in this manual and put the copies in the work area.

WARNING: Before starting engine, study operator's manual safety messages. Read all safety signs on machines. Clear the area of other persons. Learn and practice safe use of controls before operating.



It is your responsibility to understand and follow manufacturer's instructions on machine operation, service, and observe pertinent laws and regulations. Operators' and service manuals can be obtained from your Case dealer.

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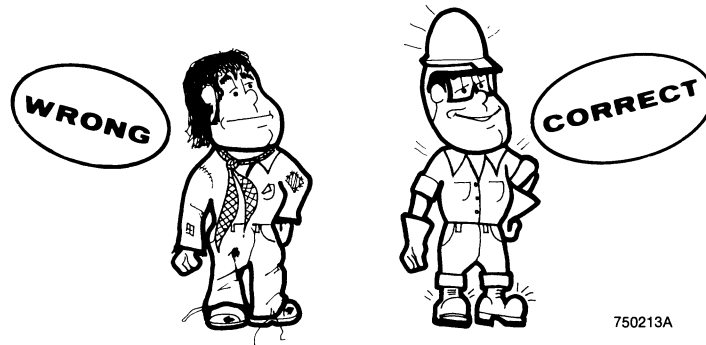
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SAFETY

PERSONAL



WARNING: *If you wear clothing that is too loose or do not use the correct safety equipment for your job, you can be injured. Always wear clothing that will not catch on objects. Extra safety equipment that can be required includes hard hat, safety shoes, ear protection, eye or face protection, heavy gloves and reflector clothing. 1-3-B*



CAUTION: *Know and understand the arrangements for movement of trucks, machines, persons, etc., on your job. Understand and follow the instructions of the flagman, road signs, or signals. Failure to follow these instructions can cause an accident. 29-3-A*



WARNING: *Keep a good fire extinguisher and a first aid kit with you at all times. Know how to use both of these items. 25-9-A*



CAUTION: *Jumping on or off the machine can cause a injury. Use the hand rails and steps when you get on or off the machine. Get on or off the machine slowly. 48-95*



CAUTION: *Foreign material and loose objects on the steps, hand rails, and in the operators compartment can cause an injury. Keep the steps, hand rails, and operators compartment clean at all times. 48-96*

SAFETY

WARNING: *ELECTROCUTION HAZARD - To prevent serious bodily injury.*

NEVER operate this or any equipment in an area in which overhead powerlines, overhead or underground cables or power sources exist without first notifying the appropriate power company or utility company to de-energize the lines or take other suitable precautions.



NEVER operate machine, any part thereof, or load closer to any electrical powerline or power source than the distance specified or required by Federal, State/Provincial, Local, or other applicable safety codes or regulations. In addition, United States OSHA regulations require a flagman when operating in close proximity to energized powerlines.

NEVER operate machine without first consulting Federal, State/Provincial, Local or other applicable safety codes or regulations.

It is the employer's responsibility to implement the above precautions and to provide the employee(s) with all safety devices or means that may be necessary or required for any particular use, operations, set-up, or service.

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SAFETY _____

BEFORE STARTING THE ENGINE



DANGER: *Engine exhaust fumes can cause death. If it is necessary to start an engine in a closed place, remove the exhaust fumes from the area with an exhaust pipe extension. If you do not have an exhaust pipe extension, make sure you open the doors and get outside air into the area.* 27-4-A



CAUTION: *Make sure all persons are away from the machine before you start the engine.* 47-63



WARNING: *Before you start to work in a new area, walk around and look for holes or obstructions. Failure to find hidden holes or obstructions can cause an accident and injury.* 26-5-A



WARNING: *BE VERY CAREFUL IF THIS IS NOT THE MACHINE YOU NORMALLY OPERATE.* 2-2-B



WARNING: *Make sure the windows of your cab are clean. Make sure the windshield wipers are operating correctly. Dirty windows can cause an accident.* 24-1-A



WARNING: *Know the location of all underground electrical cables, water pipes, gas pipes, etc. A broken gas pipe or cut electrical cable can cause injury.* 26-8-A



CAUTION: *Before you operate at night, check that all lights (if the machine is so equipped) are working correctly.* 25-7-A



DANGER: *Sparks from the electrical system or engine exhaust can cause fire or an explosion. Make sure there is good ventilation if you operate the machine in an area with dust, vapor, or flammable material.* 47-99-C



WARNING: *Before each period of operation, check the machine for correct operation of the swing brake, drive brakes, hydraulic controls, instruments, and safety equipment. Make sure the track controls are in the neutral position. A machine that runs correctly can prevent accidents. Make all necessary repairs or adjustments before you operate the machine.* 49-63